

## 4 Install WES8.1

1. Print out pages 9 - 27 of this document before starting if possible.
2. Log in as root.
3. Identify an install directory (e.g. `/usr1`) on a file system with 15GB+ of free disk space.

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**Note:** If you already identified an install directory for a previous WES installation, then use this same directory. The install script will notify you of the correct directory to use if you do not enter the same directory as in the previous WES installation.

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4. Load and mount the Weather Event Simulator 8.1 install DVD.:  
e.g. `mount /media/cdrecorder` if the DVD doesn't automatically mount
5. cd to the WES directory and `script` your shell session to a log file:  
e.g. `cd /awips`  
e.g. `script wes8.1.log.070716`
6. cd to your cdrom device:  
e.g. `cd /media/cdrecorder`
7. Run the WES install script. As of OB7.1, AWIPS freeware comes bundled in RPM's. If you want the WES install script to install these RPM's, run the install script as normal:

e.g. `./install-wes81.sh <your_install_directory>`

If you do not want the WES install script to install these RPM's, then run the install script with the `-norpm` flag:

e.g. `./install-wes81.sh <your_install_directory> -norpm`

With the "`-norpm`" option, you will need to manually install the freeware RPM's. For instructions on installing RPM's manually, refer to Section 23.

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**Note:** The script will inform you about the files and directories that are going to be deleted. The installation will also prompt you to install Xine for video support, which you can do manually or let the installation script do it for you.

**Note:** After agreeing to continue with the installation, wait for `install-wes81.sh` to return **"install-wes81.sh finished"** (~5-10 minutes).

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8. End your scripting log by typing `Ctrl-D`. Now review the log file using `more` or your favorite text editor, and look for any problems in the install. In particular, you need to watch for **"error: Failed dependencies:"** messages in the freeware installation. If you find any of these messages, you will need to manually install or uninstall the appropriate RPM's. For guidance on how to do this see "Section 23, Manual Installation of AWIPS Freeware".
9. This version of WES contains an updated version of the Adobe Flash player for Linux. Install the Flash plug-ins in the **"plugins"** directory of your browser (e.g. in `/usr/lib/mozilla/plugins` for Mozilla or `/usr/lib/firefox-1.5.0.7/plugins` for Firefox). The necessary Linux Flash files were copied from the WES8.1 install DVD into the `awips/fxa/install_flash_player_9_linux` directory. An installation for Firefox would be the following:

e.g. `cd /awips/fxa/install_flash_player_9_linux`

e.g. `cp libflashplayer.so /usr/lib/firefox-1.5.0.7/plugins`

e.g. `cp flashplayer.xpt /usr/lib/firefox-1.5.0.7/plugins`

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**Note:** For more information on the plugin installation, view `/awips/fxa/install_flash_player_9_linux/Readme.txt`.

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10. Log out and log back in as user `fxa` (if no `fxa` account previously existed, a new account was created by the install scripts with the password `fxapass`). If no `postgres` account previously existed, a new `postgres` account was also created with the password `postgres`.